

FIG. 1

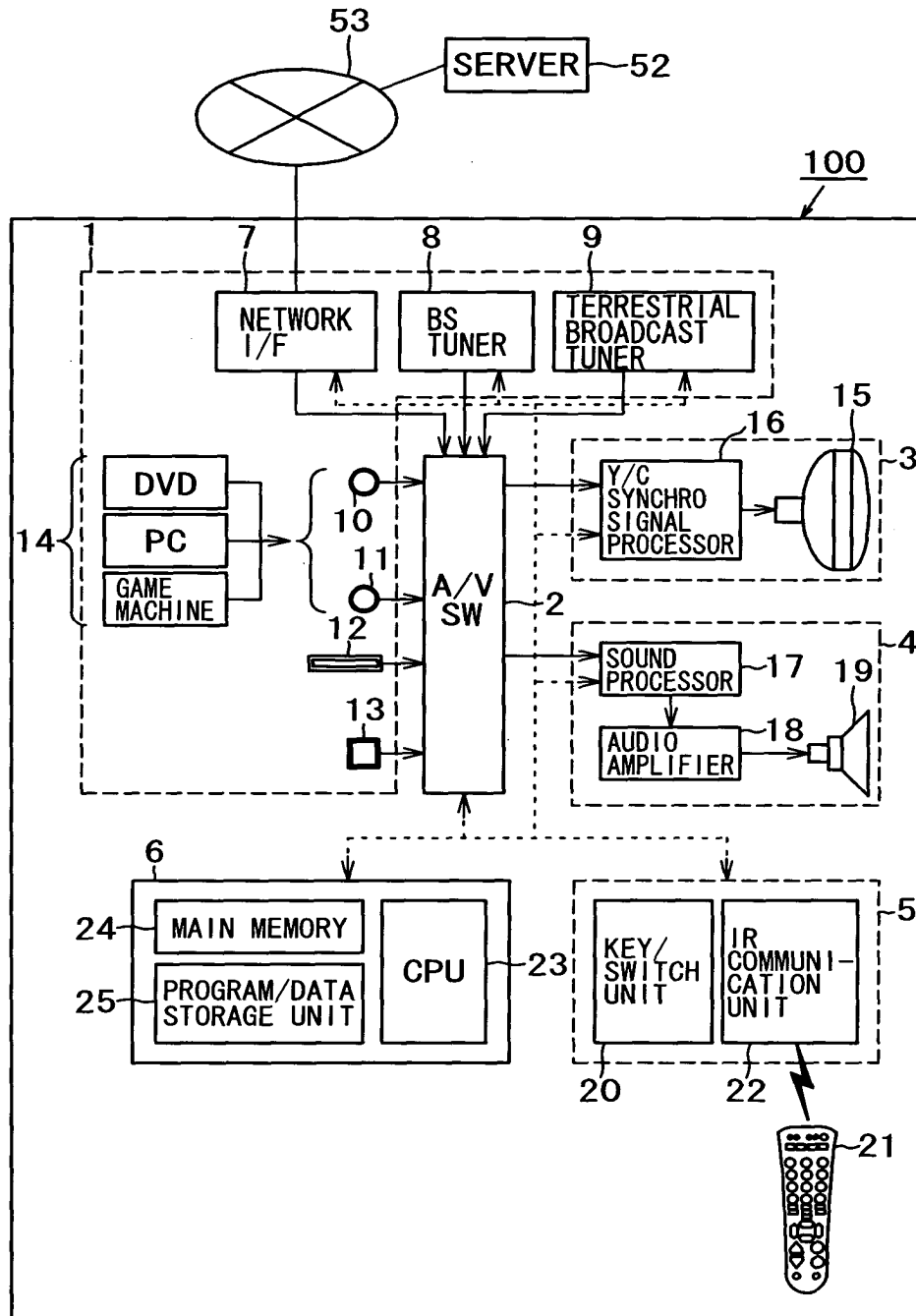


FIG. 2

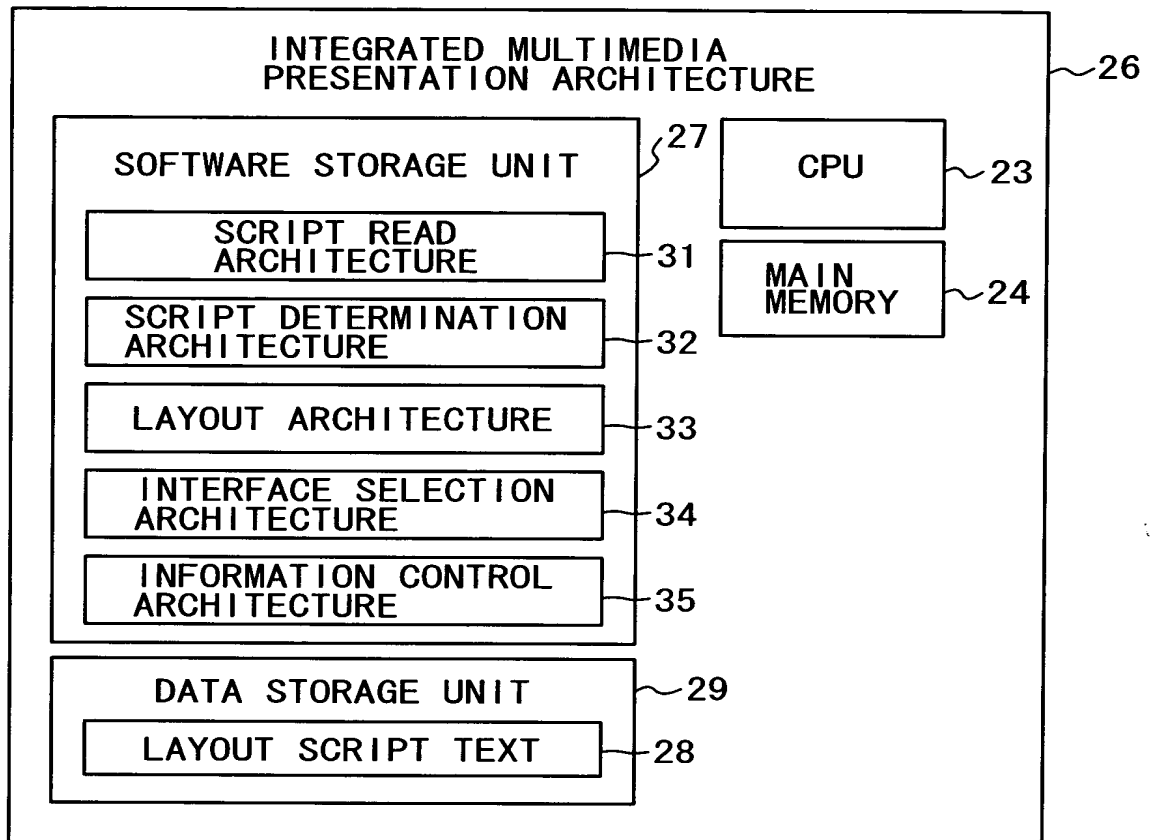
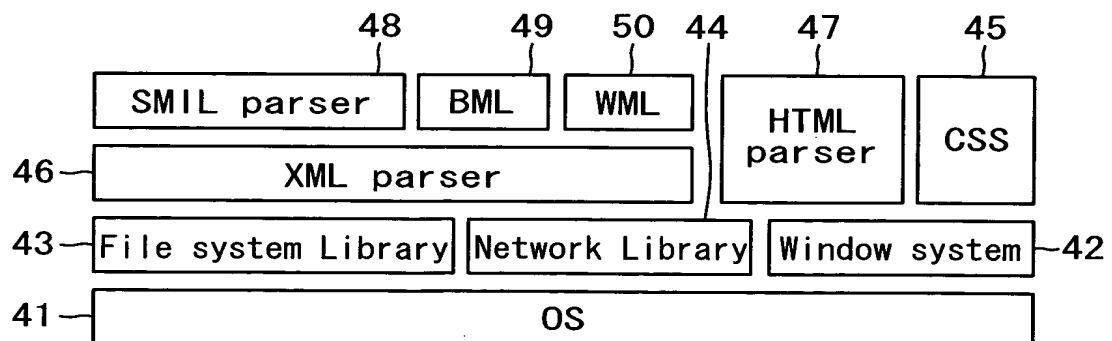


FIG. 3



```

201 <smil xmlns="http://www.w3.org/2000/SMIL20/CR/Language"> ~~~~~
202 <head>
203   <layout type="text/smil-basic-layout"> ~~~~~
204     <root-layout width="720"height="480"/> ~~~~~
205     <region id="Main_Video"top="0"left="200"height="240"width="320"backgroundColor="Gray"fit="fill"/>
206     <region id="Video1"top="0"left="20"height="120"width="160"backgroundColor="Yellow"fit="fill"/>
207     <region id="Video2"top="120"left="20"height="120"width="160"backgroundColor="Blue"fit="fill"/>
208     <region id="Video3"top="0"left="540"height="120"width="160"backgroundColor="Green"fit="fill"/>
209   </layout> ~~~~~
210   <head>
211     <body>
212       <par>
213         <video id="Video1 ID"region="Video1"src="{videoinput:video1}/pc1"> ~~~~~
214         <video region="Main_Video"src="{videoinput:video2}priority=s-video"begin="Video1ID.activateEvent"
215           end="Video2ID.activateEvent;Video3ID.activateEvent;Video4ID.activateEvent"/>
216         <video id="Video2ID"region="Video2"src="{videoinput:video1}/dvd>
217         <video region="Main_Video"src="{videoinput:link1}"begin="Video2ID.activateEvent"
218           end="Video1ID.activateEvent;Video3ID.activateEvent;Video4ID.activateEvent"/>
219         <video id="Video3ID"region="Video3"src="{videoinput:digitalbs?bs23"/>
220         <video region="Main_Video"src="{videoinput:terrestrial?fujitv.co.jp"begin="Video3ID.activateEvent"
221           end="Video1ID.activateEvent;Video2ID.activateEvent;Video4ID.activateEvent"/>
222         <video region="Main_Video"src="{videoinput:strage?memorystick/"begin="Video3ID.activateEvent"
223           end="Video1ID.activateEvent;Video2ID.activateEvent;Video4ID.activateEvent"/>
224       </par>
225     </body>
226   </smil>

```

## FIG. 5

```

<smil xmlns="http://www.w3.org/2000/SMIL20/CR/Language">
  <head>
    <layout type="text/smil-basic-layout">
      <root-layout width="600" height="600" backgroundColor="#eefcc"/>
      <region id="r1" top="0" left="0" height="200" width="200" backgroundColor="#000000" fit="fill" z-index="1"/>
      <region id="r2" top="0" left="0" height="400" width="200" backgroundColor="#000000" fit="fill" z-index="2"/>
      <region id="r3" top="0" left="0" height="200" width="200" backgroundColor="#000000" fit="fill" z-index="2"/>
      <region id="r4" top="400" left="0" height="200" width="200" backgroundColor="#000000" fit="fill"
z-index="2"/>
      <region id="r5" top="200" left="200" height="200" width="200" backgroundColor="#000000" fit="fill"
z-index="3"/>
      <region id="r6" top="100" left="100" height="400" width="400" fit="fill" z-index="4"/>
    </layout>
  </head>
  <body>
    <par dur="indefinite" >
      <brush id="test" region="r3" height="16" width="10" top="3" left="50" color="red"/>
301 ~~~~~ 
302 ~~~~~ 
      <set attributeName="left" dur="0.1s" to="marker=data.txt#left"
        targetElement="test" bein="inc.activateEvent;dec.activateEvent" fill="freeze" />
    </par>

```

F I G . 6

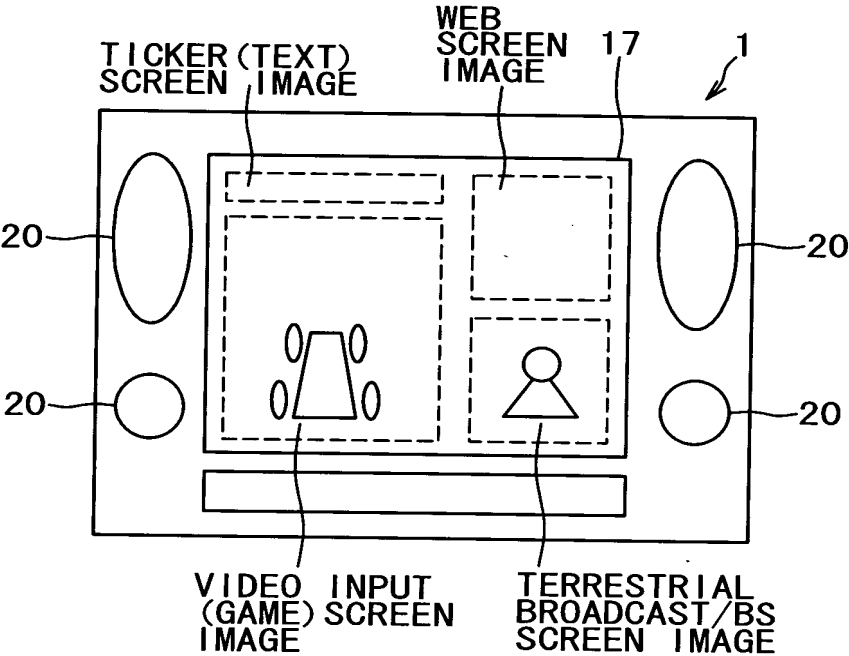
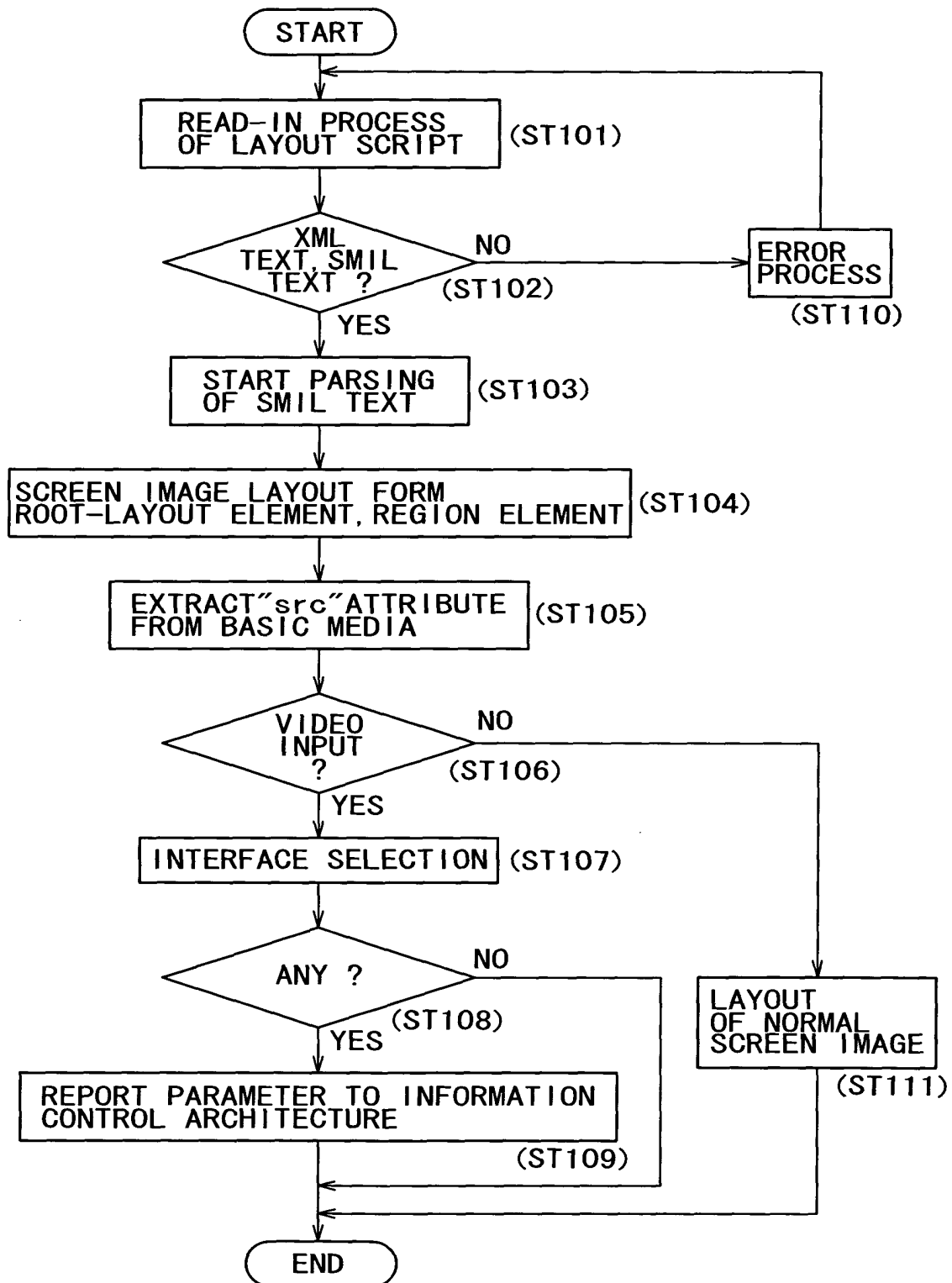


FIG. 7



# FIG. 8

```

<smil xmlns="http://www.w3.org/2000/SMIL20/CR/Language">
  <head>
    <layout type="text/smil-basic-layout">
      <root-layout width="720"height="480"/>
      <region id="Main_Video"top="0"left="200"height="240"width="320"backgroundColor="Gray"fit="fill"/>
      <region id="Video1"top="0"left="20"height="120"width="160"backgroundColor="Yellow"fit="fill"/>
      <region id="Video2"top="120"left="20"height="120"width="160"backgroundColor="Blue"fit="fill"/>
      <region id="Video3"top="0"left="540"height="120"width="160"backgroundColor="Green"fit="fill"/>
      <region id="Video4"top="120"left="540"height="120"width="160"backgroundColor="White"fit="fill"/>
      <region id="EPG_web"top="240"left="0"height="240"width="720"backgroundColor="Red"fit="scroll"/>
    </layout>
  </head>
  <body>
    <par>
      <text region="EPG_web"src="www.sony.co.jp/EPG.html" begin="Video1ID.activateEvent
        ;Video2ID.activateEvent;Video3ID.activateEvent;Video4ID.activateEvent;Os"erase="never"/>
      <video id="Video1ID"region="Video1"src="videos/News_DV.mpg"/>
      <video region="Main_Video"src="videos/News_DV.mpg"begin="Video1ID.activateEvent"
        end="Video2ID.activateEvent;Video3ID.activateEvent;Video4ID.activateEvent"/>
      <video id="Video2ID"region="Video2"src="videos/al.mpg"/>
      <video region="Main_Video"src="videos/al.mpg"begin="Video2ID.activateEvent"
        end="Video1ID.activateEvent;Video3ID.activateEvent;Video4ID.activateEvent"/>
      <video id="Video3ID"region="Video3"src="videos/PASSAT[1].mpg"/>
      <video region="Main_Video"src="videos/PASSAT[1].mpg"begin="Video3ID.activateEvent"
        end="Video1ID.activateEvent;Video2ID.activateEvent;Video4ID.activateEvent"/>
      <video id="Video4ID"region="Video4"src="videos/test-divx.mpg"/>
      <video region="Main_Video"src="videos/test-divx.mpg"begin="Video4ID.activateEvent"
        end="Video1ID.activateEvent;Video2ID.activateEvent;Video3ID.activateEvent"/>
    </par>
  </body>
</smil>

```

## FIG. 9

MOVING PICTURE	STILL PICTURE
Web	

CHANNEL 1:  
LAYOUT SCRIPT TEXT 1

MOVING PICTURE1	MOVING PICTURE2
Web1	Web2

CHANNEL 2:  
LAYOUT SCRIPT TEXT 4

TEXT STREAM	Web
TERRESTRIAL BROADCAST	GAME

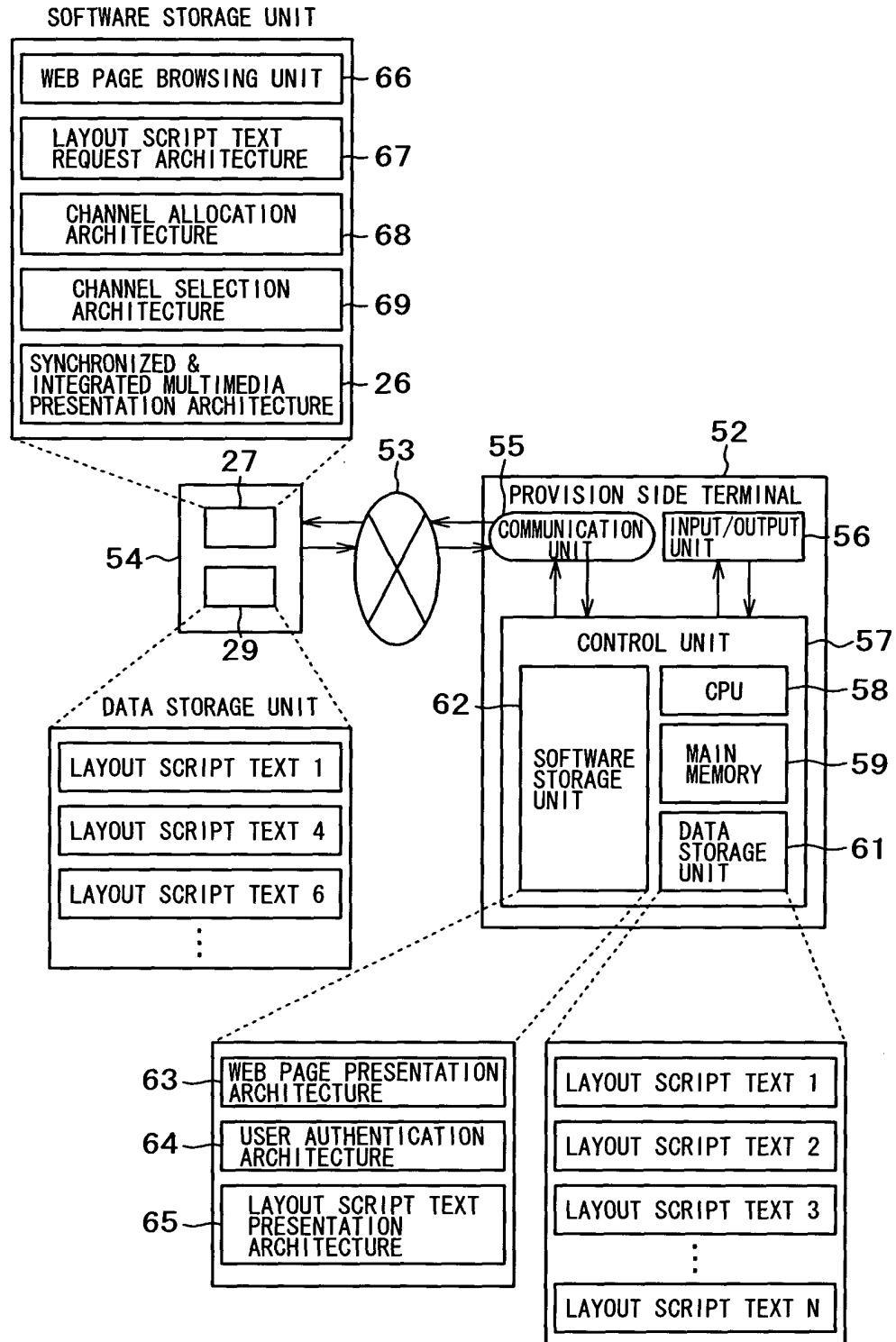
CHANNEL 3:  
LAYOUT SCRIPT TEXT 7

TEXT STREAM		
Web		GAME
MOVING PICTURE	STILL PICTURE	

CHANNEL 4:  
LAYOUT SCRIPT TEXT 11



FIG. 10



# FIG. 11

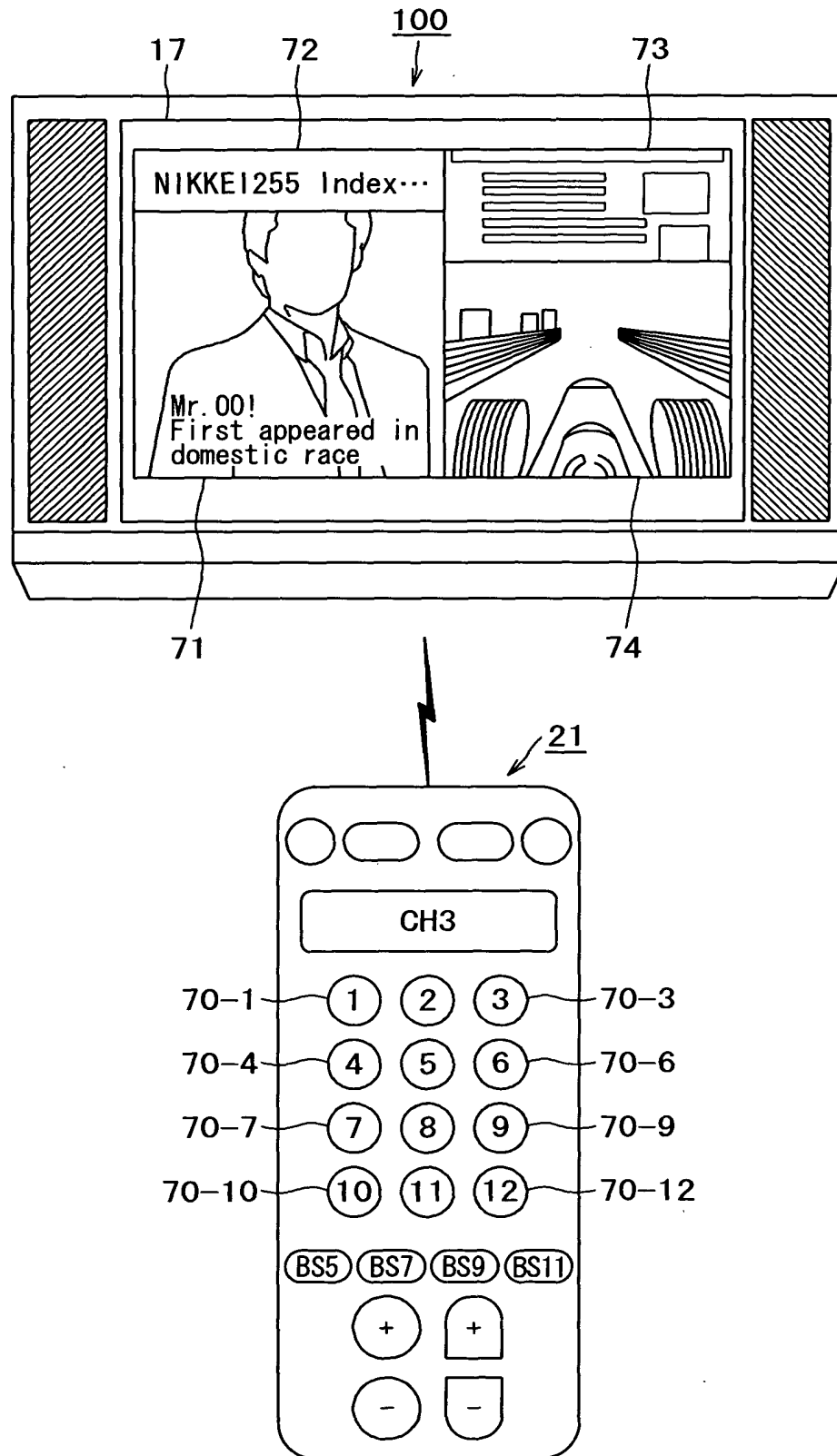


FIG. 12

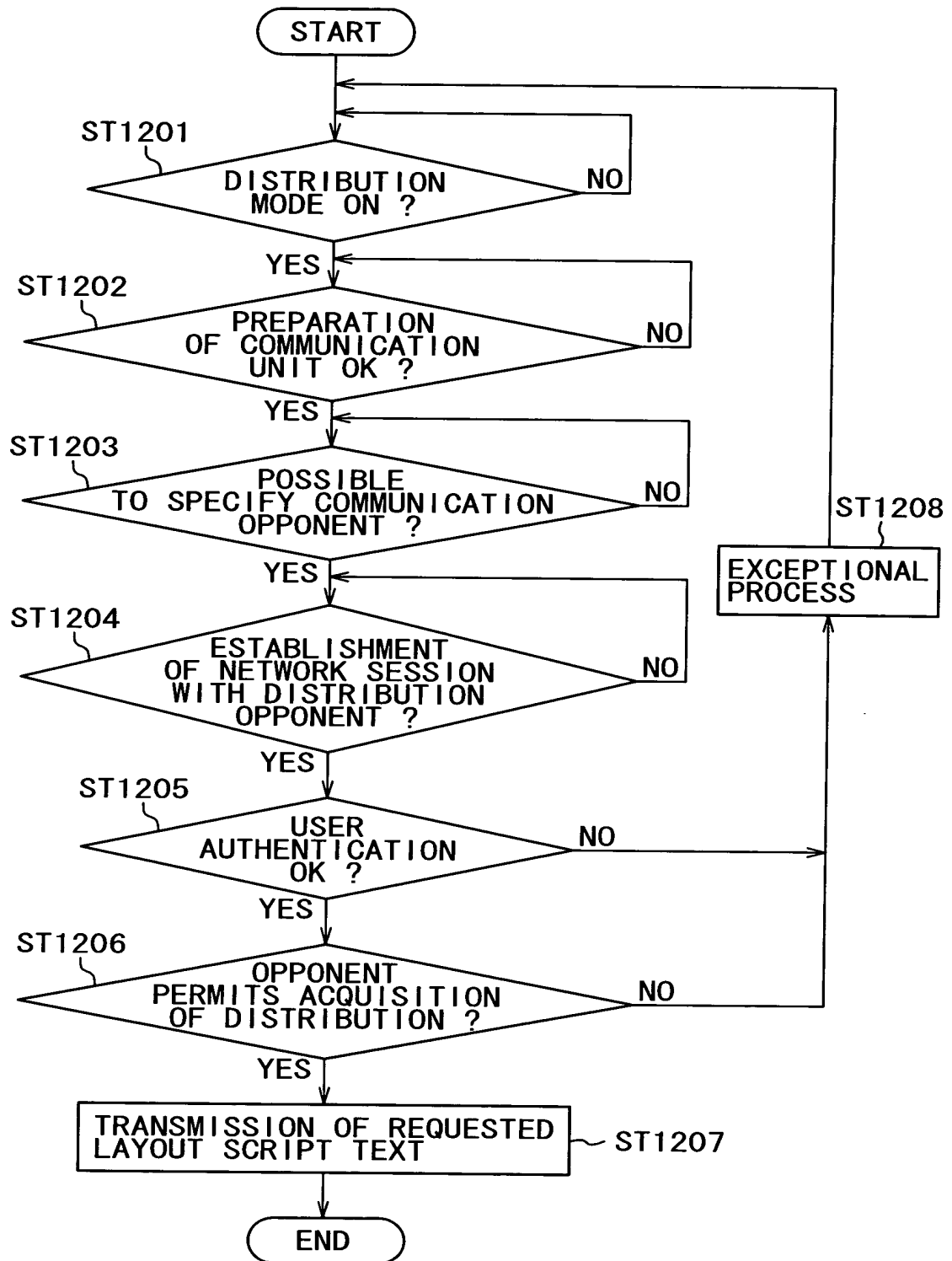


FIG. 13

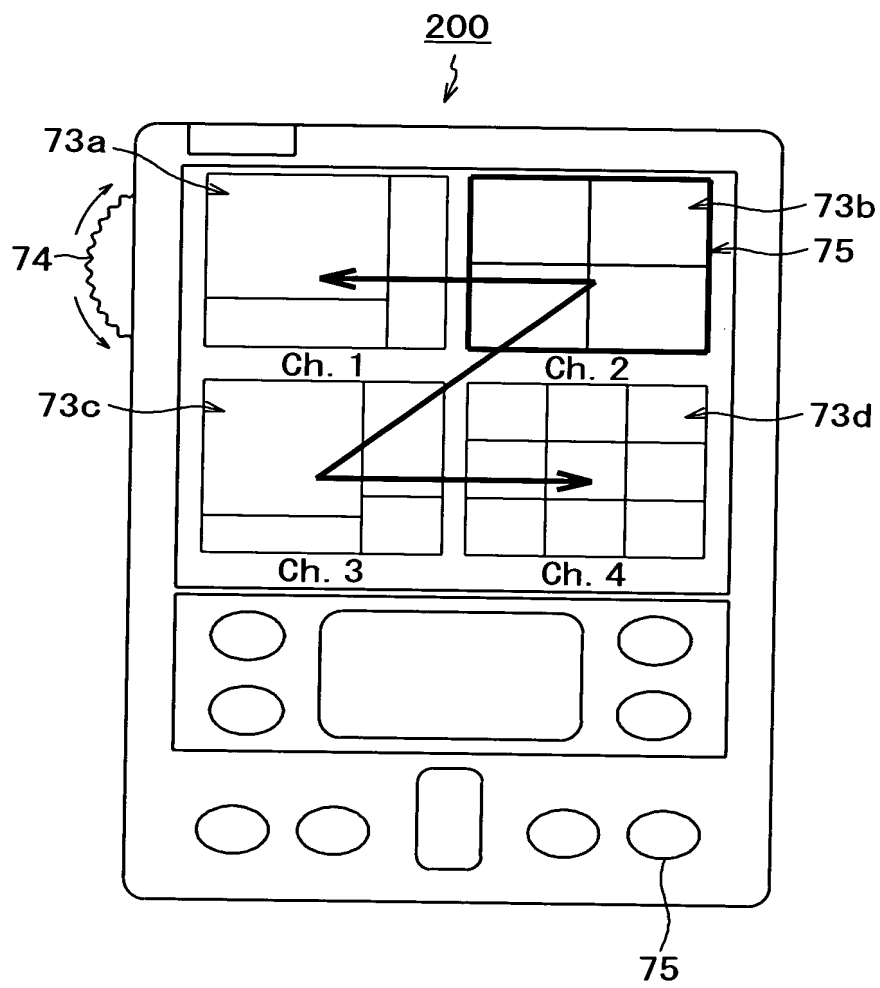


FIG. 14

